








	Monday	Tuesday	Wednesday	Thursday	Friday
<b>9:00 - 10:45</b>	<u>Lecture:</u> AFNI Intro & Overview of Week	<u>Lecture:</u> Image Registration & Talairach Transformation	<u>Lecture:</u> Advanced regression: Auxiliary behavioral information, Individual Response estimates, Correcting for autocorrelation	<u>Lecture:</u> Connectivity Modeling: Granger Causality, SEM, PPI	<u>Hands-On:</u> Single subject, and group Surface-based analysis with SUMA 
<b>10:45 - 11:00</b>	CAFFEINATION & CELLPHONE BREAK				
<b>11:00 - 12:45</b>	<u>Hands-On:</u> AFNI interactive usage 	<u>Lecture:</u> ROI-related operations. Circularity or double dipping, and low power problems	<u>Lecture:</u> Group Analysis: Inference methods, from t-test to ANOVA to linear mixed effects models to mixed effects meta analysis	<u>Hands-On:</u> DTI plugin 	<u>Hands-On:</u> Interactive Resting State Connectivity: InstaCorr in the volume and on the surface 
<b>12:45 - 2:00</b>	LUNCH BREAK				
<b>2:00 - 3:45</b>	<u>Lecture:</u> Modeling the FMRI signal: Basic regression	<u>Lecture:</u> Deconvolution: Linear regression without constraints on HRF	<u>Lecture:</u> FMRI analysis from Start to End: A walk through	<u>Lecture:</u> Automation of AFNI & SUMA using 'driver' scripts	<u>Lecture:</u> Realtime FMRI: Using AFNI to perform image monitoring, statistics, & neurofeedback.
<b>3:45 - 4:00</b>	CAFFEINATION & CELLPHONE BREAK				
<b>4:00 - 5:45</b>	<u>Hands-On:</u> 3dDeconvolve: simple regression & experimental design 	<u>Hands-On:</u> Practice Session I: basic operations: tlrc'ing, whereami, ROIs, afni_proc.py 	<u>Hands-On:</u> Practice Session II: basic operations and/or IM regression, group analysis with 3dMEMA 	<u>Flex Time:</u> Catch-up? Data & analysis quality control? Tips & tricks? Misc toys, & Q's?	<u>Flex Time:</u> Catch-up? Data & analysis quality control? Tips & tricks? Misc toys, & Q's?